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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/789,371	02/26/2004	Jens-Peter Dittrich	34874-083 UTIL	5134
64280 7590 04/25/2007 MINTZ, LEVIN, COHN, FERRIS, GLOVSKY & POPEO, P.C. 9255 TOWNE CENTER DRIVE SUITE 600 SAN DIEGO, CA 92121			EXAMINER LIE, ANGELA M	
			ART UNIT 2163	PAPER NUMBER
			MAIL DATE 04/25/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/789,371

Applicant(s)

DITTRICH ET AL.

Examiner

Angela M. Lie

Art Unit

2163

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 11 April 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: 10, 11, 18 and 19.
Claim(s) rejected: 1-9, 12-17 and 20.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

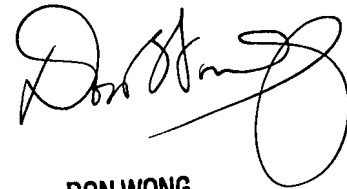
11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.



Angela M Lie

Continuation of 11. does NOT place the application in condition for allowance because: The applicant's arguments were considered, however are not found persuasive. With respect to the latest proposed amendments to claims 1, 12 and 20, the examiner reconsidered the rejection under 112 second paragraph, in particular addressing the term "pairs". Although the applicant attempted to clarify the term "pair" by pointing out to a first a second partial keys, the examiner still finds it insufficient and therefore indefinite. In other words, the plurality of partial keys (i.e. rows) might consist of more than just two elements, so how is the first and second partial key chosen? Lack of information in this step does not allow one skilled in the art, to follow the steps disclosed in the claim and to arrive with one concrete outcome. Further it is important to note that selecting those partial keys is crucial for performing this method. With respect to the applicant's assertion on page 10, stating that Schiefer fails to disclose "a partial key" because he defines it as set of columns, the examiner disagrees. Schiefer teaches that a pair of rows from two different columns is compared in order to check for duplicate content (column 7, lines 32-43). Moreover, the applicant states in the claim 1 that "each partial key identifies at least one row in the table", so according to this definition, a column could represent a partial key as well, because column is nothing else than set of at least one row. Furthermore, note that Schiefer defines "keys" in many different ways, for instance in column 8, lines 1-7, he defines key as a column, so it seems that depending on the situations term key can have different meaning. The last thing that the examiner would like to point out is that, the naming of corresponding elements is not as important as the actual steps, and elements involved in the process. Each applicant is entitled to be own lexicographer, for instance in this case the applicant uses term "partial key" in order to identify rows, and Schiefer might not define it the same way but he still compares corresponding rows, which in fact appears to be the same activity.

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